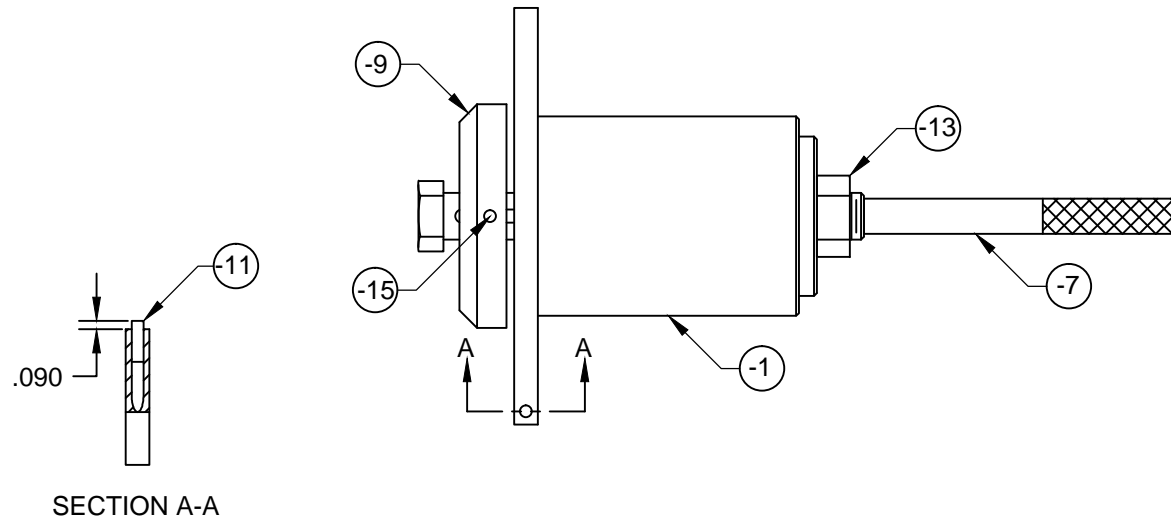


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CH'D BOM -11 FROM #1/8 x 7/16, ADDED NOTE REF. BELL #. CORRECTED -1 VIEW ADDED MISSING LINES. MOVED NOTE 2 TO -17 & CORRECTED NOTE 1. CORRECTED -3 VIEW ADDED MISSING LINES. CH'D -9 Ø.125 HOLE TO LIMIT DIMENSION. ADDED -17 PLATE ASSEMBLY.	5/16/12	RJC	SE
1	-1 ADDED REF. DIMS AND NOTES. -3 ADDED Ø2.120+.002-.000 ∇.030 HOLE, CH'D DIMS WAS .250 IS (.250), WAS (.090) IS .090, WAS (Ø.500) IS Ø.500. ADDED SECTION A-A. -5 CH'D DIMS WAS Ø2.118 IS Ø2.118±.002, WAS 2.964 IS 2.994. DELETED -17. CH'D TOLERANCE ON NON-CRITICAL PARTS.	5/12/14	DPD	GE



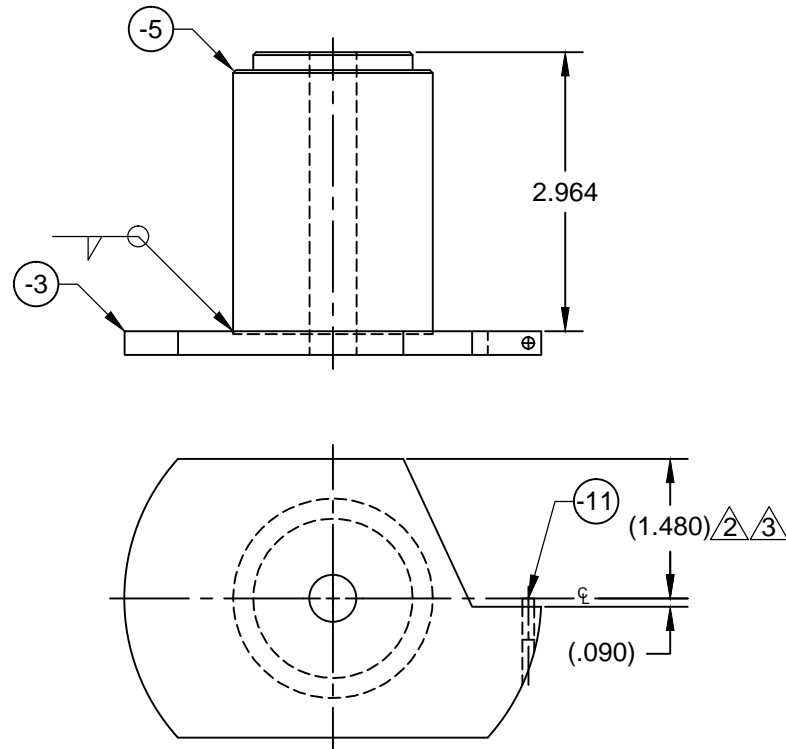
NOTE:  
REF. ORIGINAL BELL #212-040-001-19GIF-1.

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	ADAPTER WELDMENT			2
	1		-3		PLATE	A36 PLATE	1/4 x 3-1/16 x 4-1/2	3
	1		-5		ADAPTER	4140 Q&T	Ø2-1/8 x 3-1/8	4
			-7	1	BOLT	STEEL GRD.5	1/2-13 UNC-2A x 8 MCMaster-CARR #91247A740 (MOD.)	5
			-9	1	SHOE	4140 Q&T	Ø2-3/8 x 5/8	6
	1	B/O	-11		DOWEL PIN	18-8 S.S.	Ø1/8 x 1/2 MCMaster-CARR #90145A471	1
		B/O	-13	1	HEX NUT	STEEL	1/2-13 UNC-2B MCMaster-CARR #95462A033	1
		B/O	-15	1	ROLL PIN	STEEL	Ø1/8 x 1 MCMaster-CARR #98296A883	1
	ASSY -1							

<b>RED BARN MACHINE</b>	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400313	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 1-7-11
SHEET 1 of 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CORRECTED -1 VIEW ADDED MISSING LINES, MOVED NOTE 2 TO -17 & CORRECTED NOTE 1.	5/16/12	RJC	SE
1	-1 ADDED REF. DIMS AND NOTES.	5/12/14	DPD	GE



# NOTES:

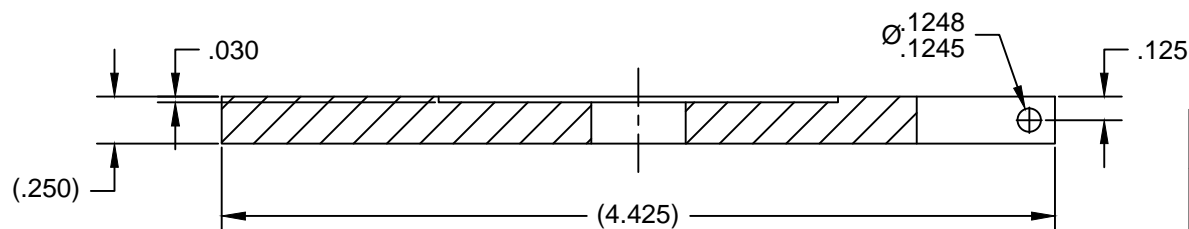
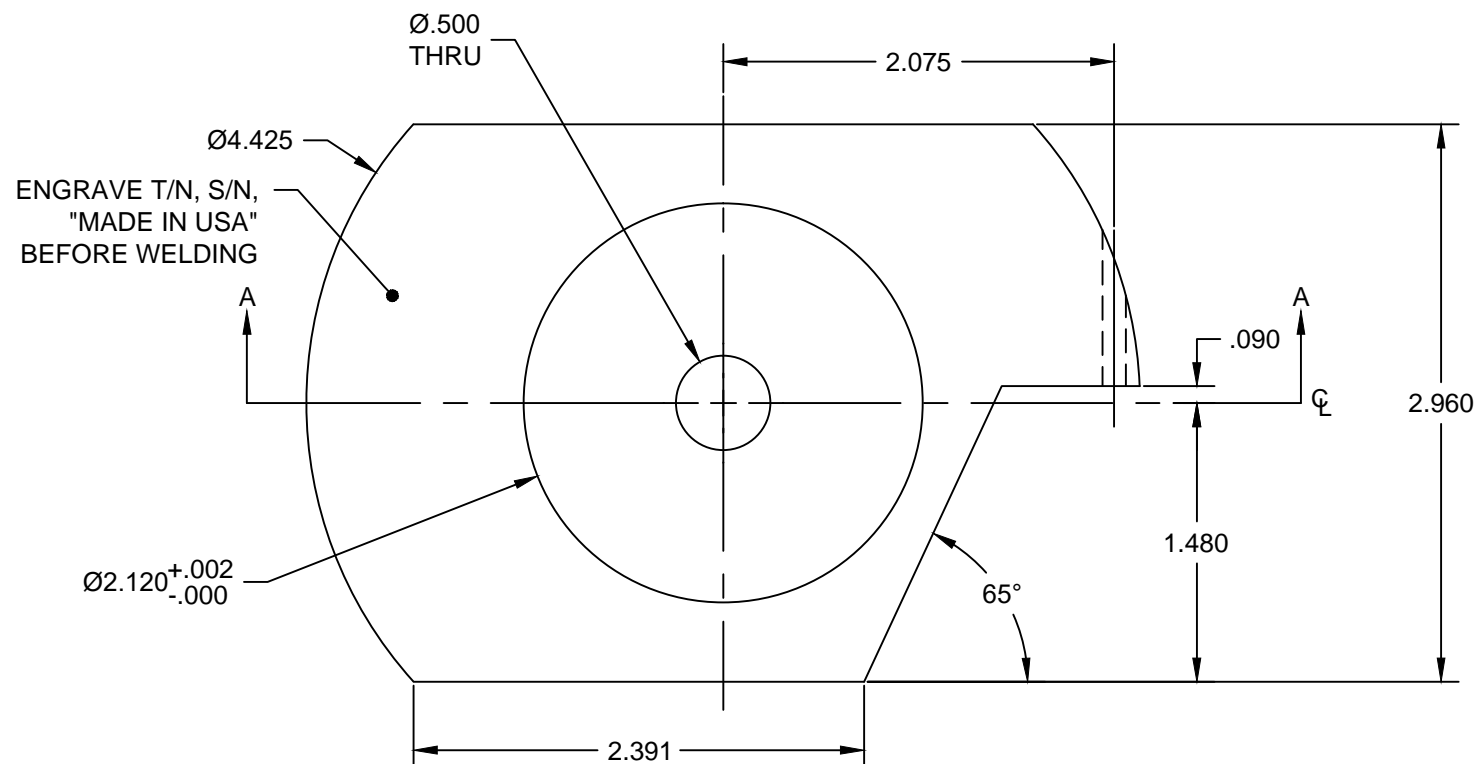
1. ALIGN -3 TO -5 USING 1/2" HARDWARE.
2. END OF PIN (-11) MUST BE ON CENTERLINE.
3. MILL -11 HEIGHT TO MEET .090 AFTER ASSY.

-1  
ADAPTER WELDMENT

 RED BARN MACHINE	
<b>TITLE</b> MAIN XSMN BACKLASH TOOL	
<b>DWG NO.</b> RBT400313-1	<b>REV</b> 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: CLOUGH APPROVED: <i>D. Weil</i> HEAT TREAT FINISH: BLACK OXIDE SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212
<b>SCALE</b> 1:2	<b>DATE</b> 1-7-11
<b>SHEET</b> 2 of 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CORRECTED -3 VIEW ADDED MISSING LINES.	5/16/12	RJC	SE
1	-3 ADDED Ø2.120+.002-.000 $\nabla$ .030 HOLE, CH'D DIMS WAS .250 IS (.250), WAS (.090) IS .090, WAS (Ø.500) IS Ø.500. ADDED SECTION A-A.	5/12/14	DPD	GE



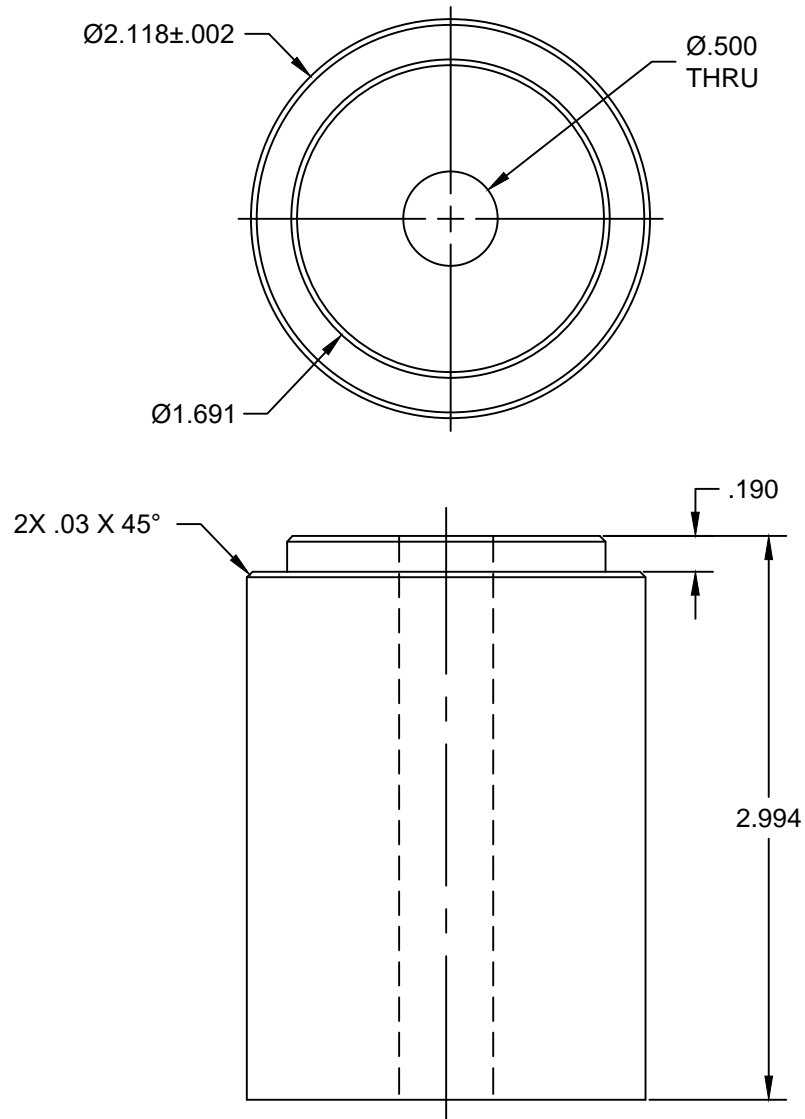
SECTION A-A

(-3)  
PLATE


RED BARN MACHINE	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400313-3	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 1-7-11
SHEET 3 of 6	
DRAWN BY: CLOUGH	
APPROVED <i>D. Weil</i>	
HEAT TREAT	
FINISH SEE -1 WELDMENT	
SPEC	
USED ON MODEL BELL 204, 205, 212	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-5 CH'D DIMS WAS Ø2.118 IS Ø2.118±.002, WAS 2.964 IS 2.994.	5/12/14	DPD	GE

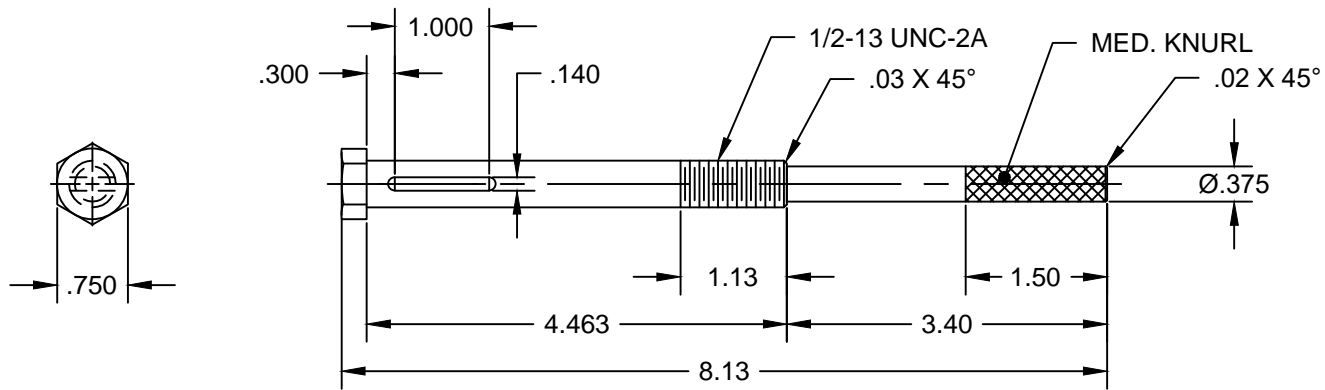


(-5)  
ADAPTER

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> MAIN XSMN BACKLASH TOOL	
<b>DWG NO.</b> RBT400313-5	<b>REV</b> 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
<b>TOLERANCES ON:</b> DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° .X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>SCALE</b> 1:1 <b>DATE</b> 1-7-11 <b>SHEET</b> 4 of 6	
DRAWN BY: CLOUGH APPROVED: <i>D Weil</i> HEAT TREAT: FINISH: SEE -1 WELDMENT SPEC: USED ON MODEL: BELL 204, 205, 212	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

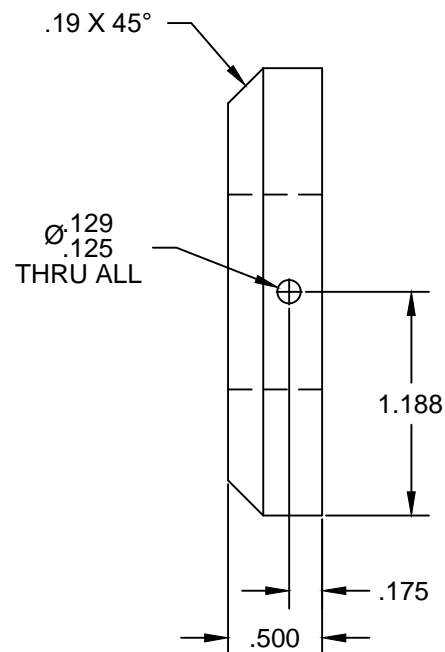
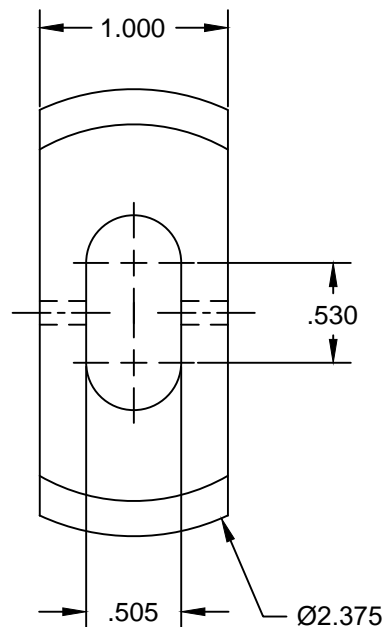


(-7)  
BOLT

RED BARN MACHINE	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400313-7	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± .5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: CLOUGH APPROVED: <i>D. Weil</i> HEAT TREAT FINISH: BLACK OXIDE SPEC USED ON MODEL BELL 204, 205, 212	
SCALE 1:2	DATE 1-7-11
SHEET 5 of 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CH'D -9 Ø.125 HOLE TO LIMIT DIMENSION PER G.E.	5/16/12	RJC	GE



-9  
SHOE

<b>RED BARN MACHINE</b>	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400313-9	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: CLOUGH	
APPROVED: <i>D. Weil</i>	
HEAT TREAT	
FINISH: BLACK OXIDE	
SPEC	
USED ON MODEL	
BELL 204, 205, 212	
SCALE 1:1	DATE 1-7-11
SHEET 6 of 6	